Statement of Work (SOW)

Project Title: Cornflow – Data Analytics & Business Intelligence Platform

Client: Sai-Krupa Trending Pvt Ltd

Freelance Vendor: Mr. Sainath Chikane

Date: July 09, 2025

# 1. Project Overview

Sai-Krupa Trending Pvt Ltd (referred to as "Client") is launching a strategic analytics initiative titled "Cornflow," aimed at enhancing its decision-making capabilities across agricultural operations. This Statement of Work (SOW) defines the scope, deliverables, timeline, and responsibilities of Mr. Sainath Chikane (referred to as "Vendor"), a freelance consultant engaged to execute the project.

# 2. Objectives

* Build a centralized, clean data repository for corn production and pricing.
* Create dynamic, real-time dashboards and insights for key decision-makers.
* Support territory expansion, ROI tracking, and cost optimization through BI tools.

# 3. Scope of Work

## 3.1 Functional Scope

* Requirement Gathering & Documentation: Prepare BRD, FRD, FSD
* Data Engineering & ETL: Design ETL pipeline using Python scripts, process Excel/CSV inputs, clean data, load into MySQL
* Dashboard & BI Development: Design interactive Power BI dashboards with filters and KPIs
* SQL Reporting & Insights: Create reusable SQL views and insights for business decisions
* Security & Access: Implement role-based access control
* Documentation & Handover: Provide user manuals and technical documentation

## 3.2 Exclusions

* Real-time API integration (planned for Phase 2)
* Mobile application (planned for Phase 2)
* Forecasting module using ML (future enhancement)

# 4. Deliverables

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| Deliverable | Description | Format | Owner |
| BRD, FRD, FSD | Project documentation | Word Docs | Vendor |
| ETL Scripts | Python scripts for data processing | Python/GitHub | Vendor |
| MySQL Database Schema | Tables and relationships | SQL | Vendor |
| Power BI Dashboards | Visualizations for decision makers | Power BI | Vendor |
| User Manual and Training Docs | Usage and training guide | PDF | Vendor |
| Final Deployed Solution | Data platform with dashboards | Web/Cloud | Vendor & Client |